

E-Lite Technologies, Inc. offers a line of power supplies (inverters) that change DC voltage to an appropriate AC voltage and frequency to light **FLATLITE®**. Traditional electroluminescent (EL) power supplies must be closely matched to the size of EL lamp in order to maintain consistent brightness from one size lamp to another. E-Lite's advanced DC power supplies are load independent, and thus maintain consistent brightness regardless of load. Additionally, like E-Lite's AC Power Supplies, the DC Supplies will actively compensate for the normal, slow dimming that occurs in all EL lamp over time by increasing voltage from the initial setting. This compensation increases the 'useful' life of the lamp.

### RATINGS:

- √ **INPUT VOLTAGE:** 12 or 24 Volts DC (Vcc) (ranges 11 - 15, 22 - 30 respectively).
- √ **OUTPUT VOLTAGE:** Adjustable from 100 to 300VAC, at 650Hz via trim potentiometer.

### FEATURES:

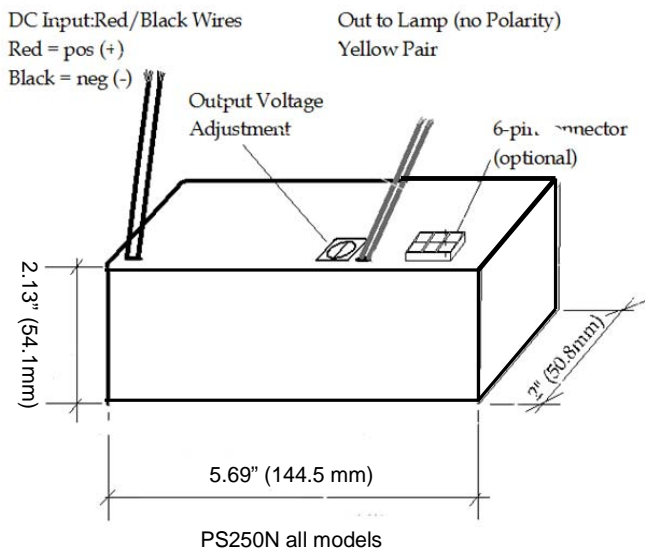
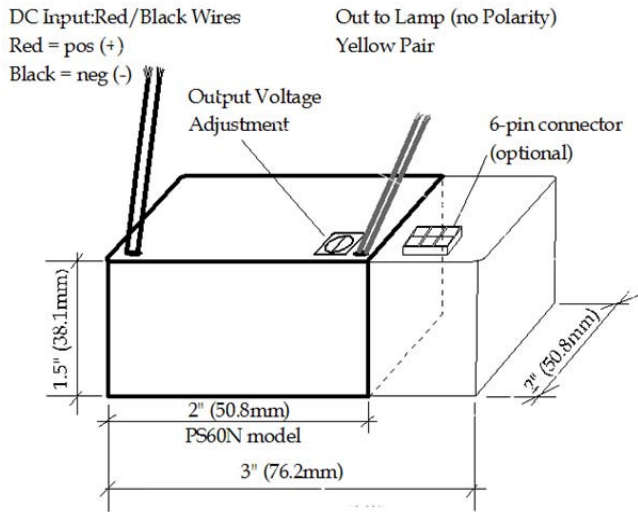
- √ Electronic open circuit & short protection
- √ Compatible with E-Lite dimming & flashing control modules (order option -CM)
- √ Auto Limiting Output \*
- √ Active Brightness Compensation
- √ All units have a 2.1mm VDC input jack on a 6' cord; Center Pin +VDC



[www.E-Lite.com](http://www.E-Lite.com)  
[Sales@E-Lite.com](mailto:Sales@E-Lite.com)  
Phone 203.371.2070

Fax 203.371.2078  
2285 Reservoir Avenue  
Trumbull, CT 06611-4743

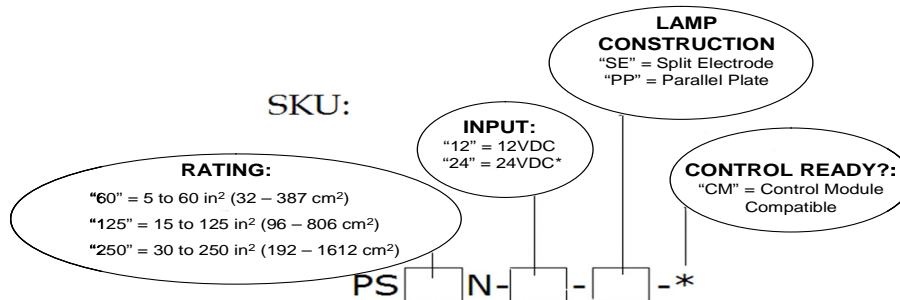




NOT TO SCALE  
 Output Lead Lengths Approximately 6" (15 cm)

Inverter Model	LAMP LOAD	RATING*	L		W		H		Weight grams
	Sq in	Sq cm	in	mm	in	mm	in	mm	
PS60N	5-60	32-387	2	50.8	2	50.8	1.5	38.1	204
PS125N	15-125	96-806	3	76.2	2	50.8	1.5	38.1	375
PS250N	30-250	192-1612	5.69	144.5	2	50.8	2.13	54.1	820

\* This Power Supply is self limiting and is designed to operate safely with the unit surface temperature not exceeding 70°C (158°F) at maximum voltage and maximum load. It is recommended that the unit be used in an unconfined space to allow natural cooling to take place. Exceeding temperature or lamp load ratings will cause the unit to reduce its output voltage and resulting brightness to operate below temperature.



EXAMPLES: PS60N-12-SE-CM, PS125N-24-SE, PS250N-12-SE

(\* Note: 24VDC units are not stock items)

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